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[Continued on next page]

(54) Title: POWER SUPPLY FOR FLOATING LOADS

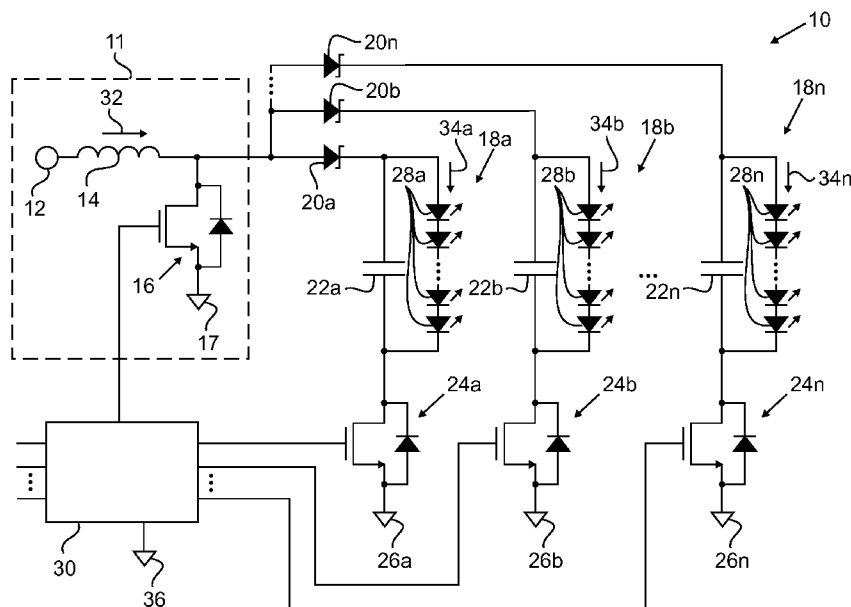


FIG. 1

(57) Abstract: A power supply includes a current supply, a plurality of output channels, and a controller. Each of the output channels has a load and a channel switch with a reference voltage. All of the channel switches are referenced to the same reference voltage.

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A. CLASSIFICATION OF SUBJECT MATTER**G05F 1/565(2006.01)i, G05F 3/02(2006.01)i, G05F 3/24(2006.01)i, G05F 3/22(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G05F 1/565; H05B 37/02; H01L 33/00; G05F 1/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: LED, driving circuit, current source

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2007-027316 A (SONY CORP) 01 February 2007	1-8, 16, 17
Y	See paragraphs [0034]-[0035], and figure 1	9-15
Y	US 6522108 B2 (JAY PRAGER et al.) 18 February 2003	9-15
A	See column 2, lines 1-63, and figures 1, 7, 9A	1-8, 16, 17
A	US 2008-0054815 A1 (SRIDHAR V. KOTIKALAPOODI et al.) 06 March 2008	1-17
	See paragraphs [0015]-[0018], and figure 5	



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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